

*If you are using a printed copy of this procedure, and not the on-screen version, then you **MUST** make sure the dates at the bottom of the printed copy and the on-screen version match. The on-screen version of the Collider-Accelerator Department Procedure is the Official Version. Hard copies of all signed, official, C-A Operating Procedures are kept on file in the C-A ESHQ Training Office, Bldg. 911A.*

C-A OPERATIONS PROCEDURES MANUAL

ATTACHMENT

4.56.g BOOSTER Berm Sweep Checklist

C-A-OPM Procedures in which this Attachment is used.
--

4.56		

Hand Processed Changes

<u>HPC No.</u>	<u>Date</u>	<u>Page Nos.</u>	<u>Initials</u>
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

Approved: *Signature on File*
 Collider-Accelerator Department Chairman Date

P. Ingrassia

BOOSTER BERM SWEEP CHECKLIST

(Team Leader) _____ (Operator 2) _____

Time: _____ Date: _____

Warning:

IF any personnel are encountered during the sweep, **THEN** determine whether their work will be completed in a short time. **IF** the work will take a long time, **THEN** contact the OC to see if the sweep should be aborted. **IF** the work will be completed in a short time, **THEN** write the name(s) of the workers at the end of the checklist and verify that they leave the enclosure **WITH** the sweep team.

Prerequisites

- Two Operators to perform the sweep
- Key: RG88
- Five padlocks and chains (on gates)
- C-A-OPM-ATT.4.56.g "BOOSTER BERM SWEEP CHECKLIST" and map (2 pages plus map)
- [C-A-OPM-ATT.4.56.h "BUILDING 914 ROOF SWEEP CHECKLIST"](#) (1 page)
- TLD
- Two portable radios
- AGS beam stops 1 & 2 are closed (see MCR_2-1G7, G8)
- TTB beam stops 1 & 2 are closed (see MCR_2-1G3, G4)
- BOOSTER RING HAS BEEN SWEPT ([C-A-OPM-ATT 4.56.f](#))
- 2 Pair radiation worker contamination suits if ticks may be present.
- Eye protection and BNL issued jackets to protect against "Thorn Trees"

Note:

Check for personnel and breaks in the fencing during the sweep

Check

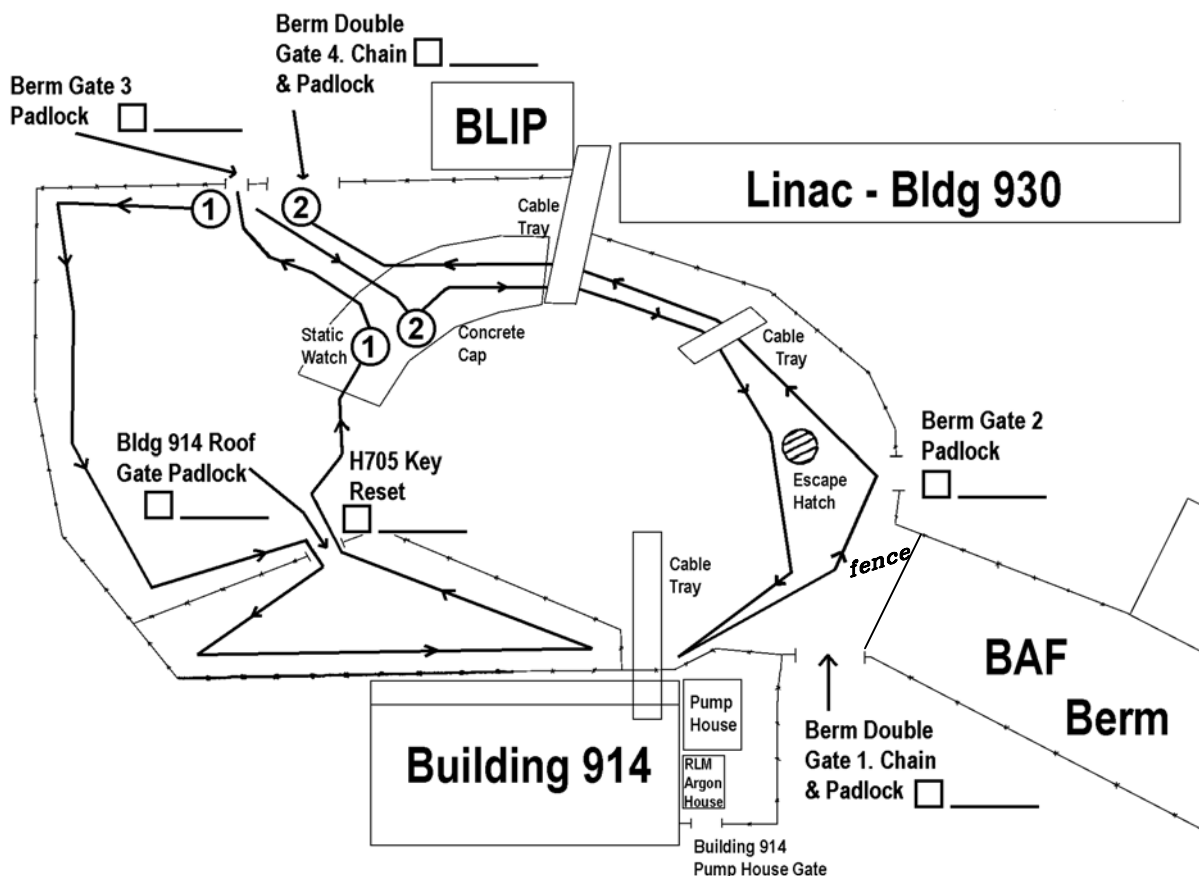
- ____ 1. Team Leader and Operator 2 padlock berm Gate 2 from outside the fence. Gate 2 is located at "street level" on West Fifth Avenue, east of the Booster Main Magnet Power Supply Building 930A
- ____ 2. Team Leader and Operator 2 chain and padlock berm Gate 1 from outside the fence. Gate 1 is west of building 914
- ____ 3. Team Leader and Operator 2 proceed to Gates 3 & 4 adjacent to the BLIP/BIRC access road off Michelson St.
- ____ 4. Team Leader and Operator 2 padlock Gate 4 (double gate for vehicles).
- ____ 5. Team Leader and Operator 2 enter the berm area through Gate 3 and close the gate behind them.
- ____ 6. Operator 2 proceeds to the static watch station located at the vent on the concrete cap.

- ___ 7. Team Leader sweeps the south side of the berm by traversing the area in a counter clockwise direction (the fence shall be to their right on the out-bound trip).
- ___ 8. WHEN Team Leader arrives at the "Booster Fence Gate" leading to the Roof of building 914, check if reset, if reset go to step 10. If not reset, they shall execute AGS-OPM-ATT.4.56.h "Building 914 Roof Sweep Checklist".
- ___ 9. WHEN Team Leader concludes the 914 Roof sweep, then he/she shall sweep back to the static watch station and re-join Operator 2.
- ___ 10. Operator 2 sweeps the north side of the berm by traversing the area in a clockwise direction (the fence shall be to their left on the out-bound trip away from the static watch station).

Note:

Operator 2 may stay atop the berm during the sweep as long as the area between the berm, the fence, and Gate 3 is visible to them.

- ___ 11. Operator 2 turns around after searching beyond the third cable tray, atop the berm behind the building 914 pump house.
- ___ 12. Operator 2 rejoins Team Leader at the static watch station.
- ___ 13. Both Operators sweep out Gate 3.
- ___ 14. Team Leader closes and padlocks Gate 3.
- ___ 15. After verifying that all of the required information is filled out, Team Leader files the checklist in Document 29 and stores the Berm key in the Captured Key Locker above MCR_2.



On the map, checkoff box next to gate and initial next to box